

PROCESS FOR THE PREPARATION OF ISOOLEFIN POLYMERS WITH
CONTROLLED FREE-RADICAL CURABILITY

ABSTRACT OF THE DISCLOSURE

The present invention is relates to a process for the preparation of an isoolefin polymer containing repeating units derived from at least one isoolefin, at least one divinyl aromatic monomer and, optionally, additional copolymerizable monomers, wherein the content of unreacted vinyl groups from the aromatic monomer is predicted by means of FTIR measurements.

The present invention is related to a process for the preparation of an isoolefin polymer comprising repeating units derived from at least one isoolefin, at least one divinyl aromatic monomer and, optionally, further copolymerizable monomers, wherein the content of unreacted vinyl groups from the aromatic monomer is predicted by means of FTIR measurements and said prediction is subsequently used to alter at least one process parameter.